

# Xenia Rural Water District & Unsewered Communities

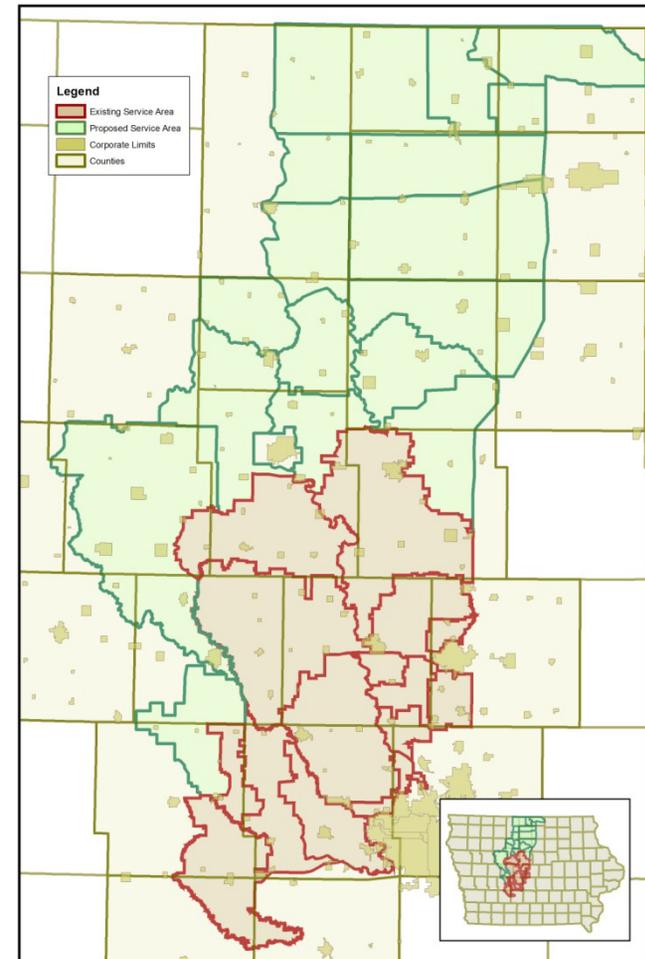
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# About Xenia Rural Water District

- Headquartered in Bouton, Iowa
- 117 Employees
- Providing service to Central and North Central Iowa
  - 13 counties
  - 14 communities





# Bouton Cost Comparisons

- Gravity Collection.....\$437,000
- Low Pressure Collection.....\$383,000
- STEP Collection.....\$302,000
- Controlled Discharge Lagoon.....\$225,000
- RGF Treatment.....\$190,000
- Advantex Treatment System.....\$175,000

# Bouton Project Costs

- Chosen project:
  - Low Pressure Collection
  - Pump to Perry (\$150,000)
  
- Total Construction Cost.....\$423,000
- Total Other Costs.....\$269,000  
(Includes connection to Perry, Engineering, Legal, Admin., etc.)
- **Total Project Cost.....\$692,000**
- \$692,000/68 Households = \$10,176.47

# Bouton Funding

- CDBG Funding.....\$136,000
- USDA Grant.....\$260,000
- USDA Loan.....\$296,000
- $\$296,000 / 68 \text{ Households} = \$4,352.94$

# Linden Cost Comparisons

- Gravity Collection.....\$665,000
- Low Pressure Collection.....\$563,000
- STEP Collection.....\$647,000
- Controlled Discharge Lagoon.....\$275,000
- RGF Treatment.....\$350,000

# Linden Project Costs

- Chosen project:
  - Low Pressure Collection
  - Controlled Discharge Lagoon
  
- Total Construction Cost.....\$838,000
- Total Other Costs.....\$238,000  
(Includes Engineering, Legal, Admin., etc.)
- **Total Project Cost.....\$1,076,000**
- \$1,076,000/94 Households = \$11,446.81

# Linden Funding (Anticipated)

- CDBG Funding.....\$226,000
- USDA Grant.....\$360,000
- USDA Loan.....\$490,000
- Remaining project costs privately funded by Xenia
- $\$490,000 / 94 \text{ Households} = \$5,212.77$

# General Costs

- Electrical upgrades
  - In small rural communities, approximately 10-15% of homes need proper upgrades
- Abandonment of existing system
  - Must be properly disposed of
- Treatment
  - Can be pumped to larger city for treatment
  - Individual treatment options
- General excavating costs



# Funding Opportunities

- CDBG (Community Development Block Grant)
- USDA Loans & Grants
- DNR SRF Loan
- Planning and Design Loan

# CDBG

- Community Development Block Grant
- Purpose is to increase employment opportunities for LMI individuals by increasing economic activity levels within the state
- Iowa cities under 50,000 population are eligible
- 51% of persons benefiting from project must be from LMI households
- Davis-Bacon Act has wage requirements
- Requires Environmental Assessment



# USDA Loans & Grants

- 40 year loan
- Eligible groups:
  - Community based non-profit organizations
  - Public bodies (municipalities, counties, etc.)
- Maximum limits determined by project feasibility
- Up to 100% of project can be funded by loan
- Want least expensive system installed
- \$40 average monthly customer bill
  - LMI communities may be eligible to obtain USDA Grants to assist in lowering monthly bills
- Requires Environmental Assessment



# DNR SRF Loan

- State Revolving Fund
- 30 year low interest loan
- Jointly administered
  - Iowa Department of Natural Resources (DNR)
  - Iowa Finance Authority (IFA)



# Planning and Design Loan

- 0% interest for up to 3 years
- Used to cover engineering and project development costs
- Cannot be used for land purchases
- Can be rolled into SRF loan or USDA loan



# Project Steps

- Meet with City Council
- Public Hearing
- Purchase land for lagoon site
- Facility Plan
- DNR Approval
- Election



# Sharing costs

- Labor and Machine/Equipment costs are shared between water and wastewater projects
- Travel to communities is built into rate structure for water system
- Sharing lowers Operation and Maintenance costs



# Issues

- Availability of funds
- Getting rates low enough (\$40 avg.)



# Suggestions

- Same standards for all funding groups
- One general application
- Additional grant funds are needed to make projects feasible

THANK YOU!

QUESTIONS?

